

**Amendments to the Claims:**

Please cancel claims 1 to 8 as presented in the underlying International Application No. PCT/EP2003/014459.

Please add new claims 9 to 16 as indicated in the listing of claims below.

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1 to 8 (canceled).

Claim 9 (new): An actuator arm for use in a spacecraft, comprising:

- a base unit;
- a plurality of connection tapes; and
- an action element connected to the base unit using the plurality of connection tapes.

Claim 10 (new): The actuator arm as recited in claim 9, further comprising a reel-unreel mechanism attaching the connection tapes to the base unit.

Claim 11 (new): The actuator arm as recited in claim 9, wherein the connection tapes include a conductive material.

Claim 12 (new): The actuator arm as recited in claim 9, wherein the action element includes a gripping unit.

Claim 13 (new): The actuator arm as recited in claim 9, wherein the action element includes a plurality of momentum wheels.

Claim 14 (new): The actuator arm as recited in claim 9, further comprising a laser source attached to said base unit.

Claim 15 (new): The actuator arm as recited in claim 9, wherein the action element includes a light reflector.

Claims 16 (new): A spacecraft comprising:

a plurality of actuator arms, each actuator arm including a base unit, a plurality of connection tapes, and an action element connected to the base unit using the plurality of connection tapes.